



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/502,280	05/11/2005	Andreas Myka	617-011873-us	3300

2512 7590 12/29/2006
PERMAN & GREEN
425 POST ROAD
FAIRFIELD, CT 06824

EXAMINER

LIN, WEN TAI

ART UNIT	PAPER NUMBER
----------	--------------

2154

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	12/29/2006	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/502,280	MYKA ET AL.	
	Examiner	Art Unit	
	Wen-Tai Lin	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 July 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9, 12-21 and 24 is/are rejected.
- 7) ☒ Claim(s) 10-11 and 22-23 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 July 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>7/22/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-24 are presented for examination.
2. Claims 4-5, 11-12, 16-18, 20-21 and 23-24 is/are objected to because the following terms lack antecedent basis:
 - in claim(s) 4 and 16: "said extracted information";
 - in claim(s) 11 and 23: "the time interval";
 - in claim(s) 5 and 17: "the action"; and
 - in claim(s) 18: "the application software".

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-9, 12-21 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Durrett [U.S. Pat. No. 5964830] in view of Official Notice .

5. As to claim 1, Durrett teaches the invention substantially as claimed including:

Aa system for providing personalized services for mobile users, the system comprising:

a plurality of mobile terminals, each mobile terminal being provided with means for acquiring personal content [e.g., a fingerprint scanner (13A Fig. 4); col.2 lines 12-19];

storage means in the mobile terminal, the storage means being adapted to store at least a first part of the personal content acquired [col.5 lines 3-6 and 45-51; note that inherently the device must provide at least temporary memory for storing the scanned data];

at least one remote data repository connected to the telecommunications system for storing at least a second part of the personal content acquired by the plurality of mobile terminals, whereby at least one of the repositories is assigned for the use of each mobile terminal [col.5 lines 45-51; i.e., for authentication purpose another scanned fingerprint sample must have been stored at the access provider];

means adapted to transfer a selected part of the personal content between the storage means and the at least one remote data repository through said telecommunications system, the means including predetermined criteria the fulfillment of which initiates said transfer [note that there must be an inherent process determining that the fingerprint scanner has finished acquisition of the fingerprint and initiate the transfer (e.g., by releasing or pressing a key or button), otherwise the system would stuck at sensing the fingerprint];

means for extracting data from said at least a first part of the personal content, association means for associating said extracted data with said at least a second part of

Art Unit: 2154

the personal content [col.2 lines 50-54; col.5 lines 3-6; i.e., for purpose of identification, the extracted first part of the fingerprint is compared to the second part, which is a pre-stored at the remote depositor]; and

service provision means responsive to said association means, the service provision means being adapted to generate and/or provide a personalized service using said extracted data associated with said at least a second part of the personal content [col.5 lines 45-51].

Durrett does not specifically teach that the portable device uses wireless communication with a telecommunications system.

However, Official Notice is taken that portable device equipped with wireless communication capability is well known in the art.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to also provide the portable device with such capability because wireless communication would enhance the device's portability/mobility.

6. As to claim 2, Durrett teaches that the system further comprising:

selection means for selecting data to be retrieved from an external data storage, the selection being made at least partially on the basis of said extracted data;

means for receiving said selected data;

and association means adapted to associate said received data with the personal content stored in the data repository, wherein the service provision means are

adapted to utilize said received data for generating and/or providing said personal service [col.2 lines 40-54].

7. As to claim 3, Durrett teaches that the system further comprising:
- communication means adapted to retrieve at least one stored object and/or item of data extracted from the remote data repository;
- and a server including application software adapted to perform an action as a result of which information is generated, the action to utilize the retrieved object and/or said data extracted [col.2 lines 50-54].

8. As to claim 4, Durrett teaches that the system further comprising means for storing said extracted information in said remote data repository[note that this is an inherent feature because in the process of matching the keys (which is derived from the extracted fingerprint data) to those used to record the virtual disk information, the extracted fingerprint data must have been (temporarily) stored locally at the server].

9. As to claim 5, Durrett does not specifically teach that the system further comprising means for generating charging information on the basis of the action performed.

However, Official Notice is taken that charging-by-hours is one of the popular billing method for ISP providers. Although Durrett does not teach how its virtual disk subscribers are charged. It is an obvious option to one of the ordinary skill in the art to

implement such a billing method. That is, by generating charging information on the basis of the action performed because it offers incentive to infrequent users to take this billing option.

10. As to claims 6-7, Durrett teaches that the system further comprising:
- means responsive to said processing adapted to allow access of the application software to an object and/or stored information in the remote data repository; and
 - means responsive to said processing adapted to send an object and/or extracted information in the remote data repository to the server in order to enable provision of the service requested [Abstract; col. 1, lines 40-65; col.5, lines 45-51].

Durrett is silent about means to subscribe to a service by sending a request to a server and means to process said request on said server.

However, sending a request to subscribe a service and processing the request on a server is a typical subscription procedure in the art.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement such as subscription step because this is a typical way of building a subscription relationship (e.g., by establishing an access key for the subscriber) between the subscriber and the service provider [col.2, lines 50- 59].

11. As to claim 8, Durrett further teaches that the service requested is identified in the request [col.2, lines 44-49].

12. As to claim 9, Durrett further teaches that an object and/or extracted information is identified in the request, the object and/or extracted information defining the action to be performed by the server [Abstract; note that in the download service, a user needs to identify the requested object to be downloaded via the server].

13. As to claim 12, Durrett further teaches that said means for extracting data from said personal content include at least means to perform i) optical character/text recognition or ii) pattern recognition [note that the key matching process is a pattern recognition process based on the scanned fingerprint [col.5 lines 45-51 and col. 2, lines 50-54].

14. As to claims 13-21 and 24, since the features of these claims can also be found in claims 1-9 and 12, they are rejected for the same reasons set forth in the rejection of claims 1-9 and 12 above.

15. Claims 10-11 and 22-23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

16. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Kailamaki et al. [U.S. PGPub 20020049675];
Uchida [U.S. PGPub 20010035814]; and
Jeong et al. [U.S. PGPub 20020072355].

17. A shortened statutory period for response to this action is set to expire 3 (three) months and 0 days from the mail date of this letter. Failure to respond within the period for response will result in ABANDONMENT of the application (see 35 U.S.C. 133, M.P.E.P. 710.02, 710.02(b)).

Conclusion

Examiner note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the contest of the passage as taught by the prior art or disclosed by the Examiner.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wen-Tai Lin whose telephone number is (571)272-3969. The examiner can normally be reached on Monday-Friday(8:00-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272-1915. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

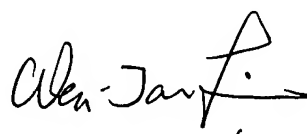
(571) 273-8300 for official communications; and

(571) 273-3969 for status inquiries draft communication.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wen-Tai Lin

December 25, 2006


12/21/06